Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073015\
Data File : BG018176.D
Acq On : 30 Jul 2015 15:23
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRIDGE14-5(0-2)

Quant Time: Jul 30 16:18:51 2015
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	34760	20.00	ng		-0.09
21) Naphthalene-d8	10.27	136	156315	20.00	ng		-0.09
38) Acenaphthene-d10	14.17	164	107818	20.00	ng		-0.07
63) Phenanthrene-d10	16.93	188	248467	20.00	ng		-0.07
75) Chrysene-d12	21.13	240	240199	20.00	ng		-0.07
86) Perylene-d12	23.31	264	227560	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	106347	53.37	ng		-0.09
7) Phenol-d6	6.69	99	91478	35.04	ng		-0.07
23) Nitrobenzene-d5	8.65	82	198950	82.43	ng		-0.09
41) 2,4,6-Tribromophenol	15.67	330	258791	236.91	ng		-0.07
44) 2-Fluorobiphenyl	12.78	172	651296	104.68	ng		-0.08
78) Terphenyl-d14	19.58	244	1125219	118.00	ng		-0.07
Target Compounds							Qvalue
31) Naphthalene	10.33	128	42249	5.52	ng		99
32) Benzoic acid	9.57	122	2041	Below Cal			93
37) 2-Methylnaphthalene	11.96	142	23287	4.24	ng		97
51) Acenaphthene	14.23	154	126016	20.40	ng		96
54) Dibenzofuran	14.57	168	107078	12.01	ng		94
55) 4-Nitrophenol	14.57	139	36395	24.11	ng	#	7
57) Fluorene	15.22	166	104324	13.62	ng		97
69) Pentachlorophenol	16.58	266	241	Below Cal			95
70) Phenanthrene	16.97	178	404598	31.57	ng		98
71) Anthracene	17.05	178	66993	5.37	ng		98
72) Carbazole	17.34	167	921921	78.25	ng		98
74) Fluoranthene	18.99	202	111352	7.94	ng		93
77) Pyrene	19.36	202	66693	4.98	ng		97

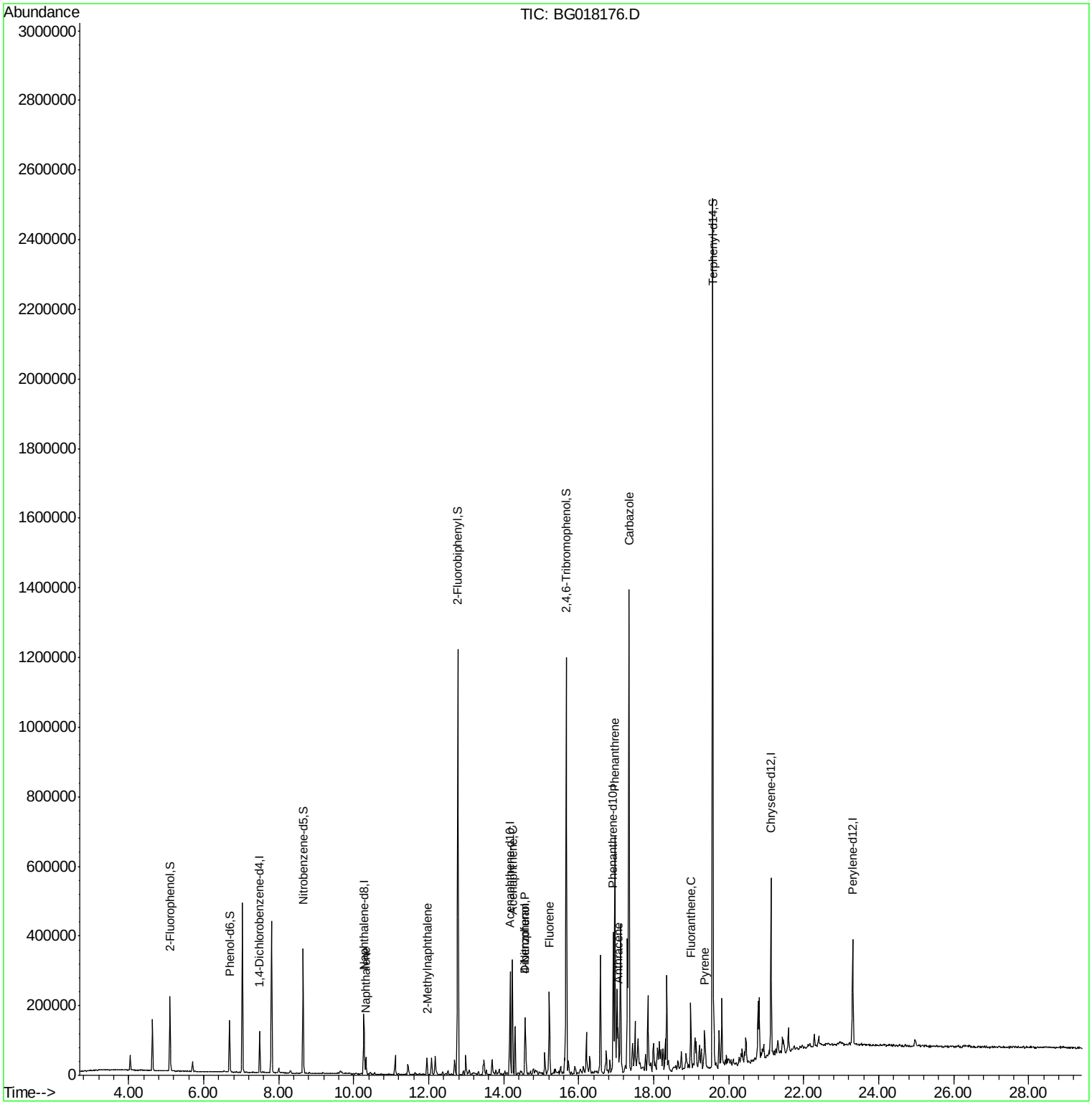
(#) = qualifier out of range (m) = manual integration (+) = signals summed

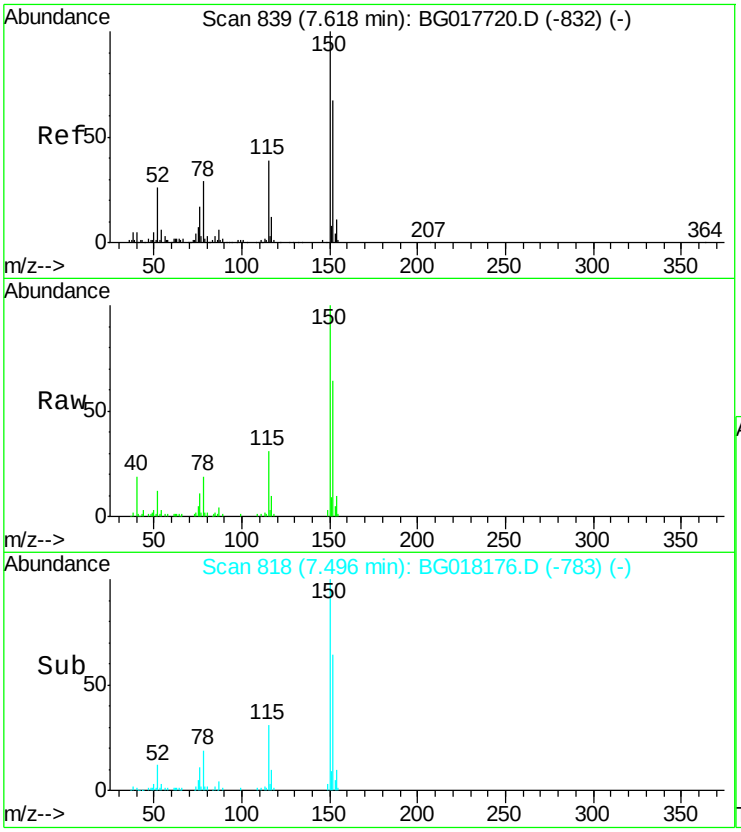
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073015\
Data File : BG018176.D
Acq On : 30 Jul 2015 15:23
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Quant Time: Jul 30 16:18:51 2015
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration



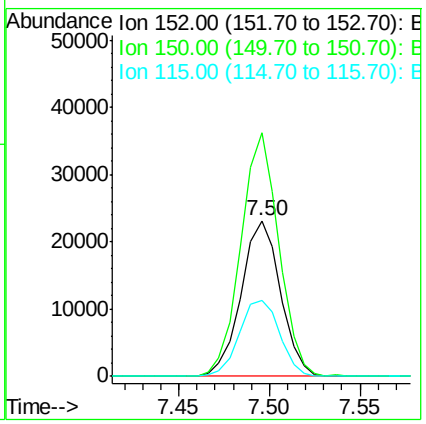


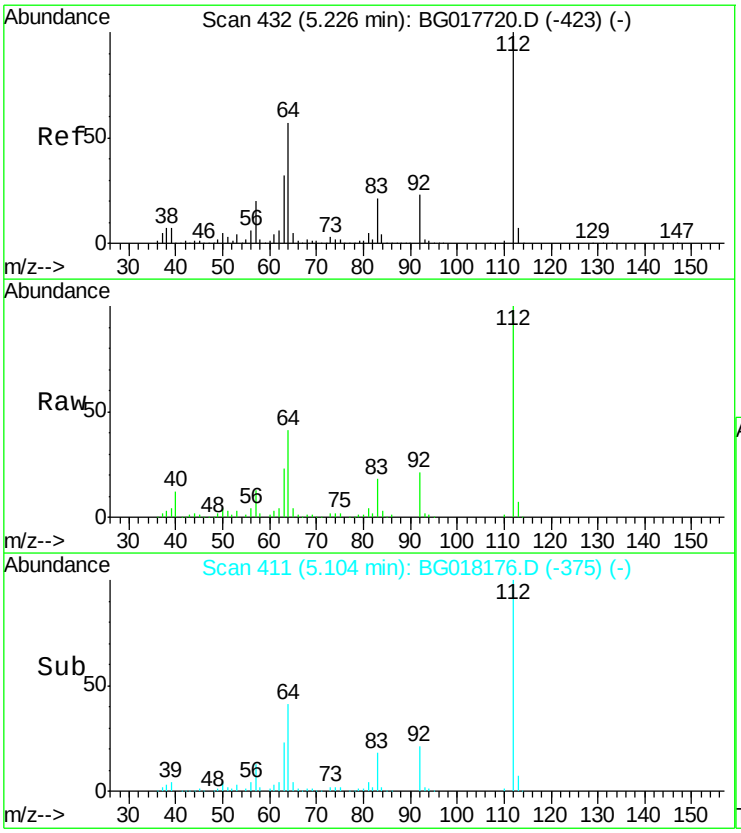
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 818
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:152 Resp: 34760

Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.1	178.7
115	48.4	47.0	70.4

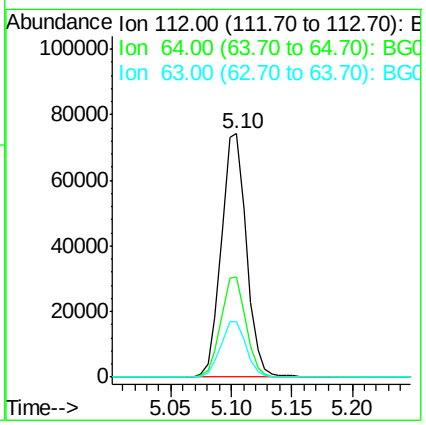


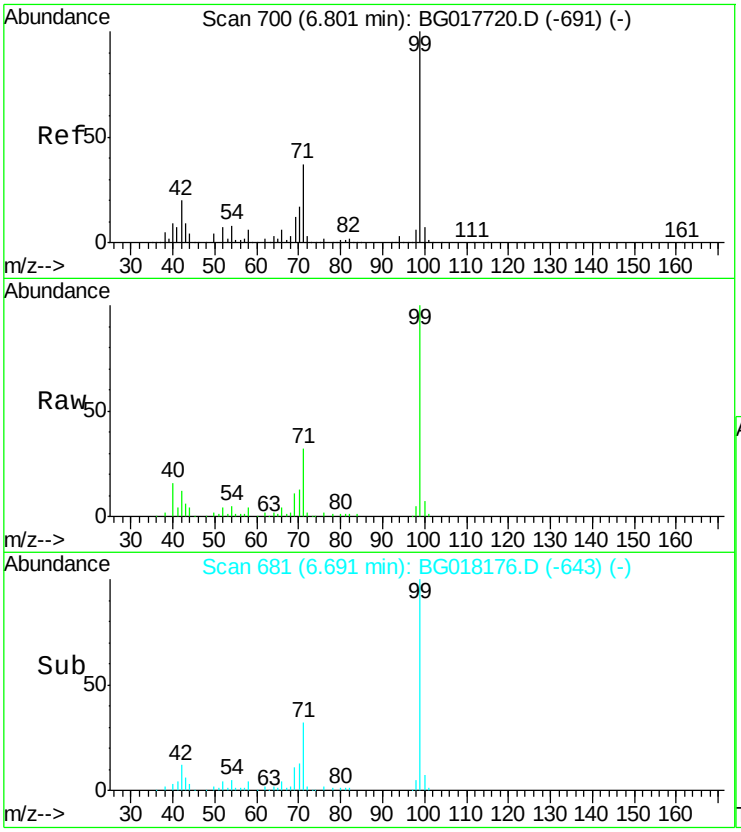


#5
2-Fluorophenol
Concen: 53.37 ng
RT: 5.10 min Scan# 411
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:112 Resp: 106347

Ion	Ratio	Lower	Upper
112	100		
64	40.9	45.4	68.0#
63	22.9	25.3	37.9#



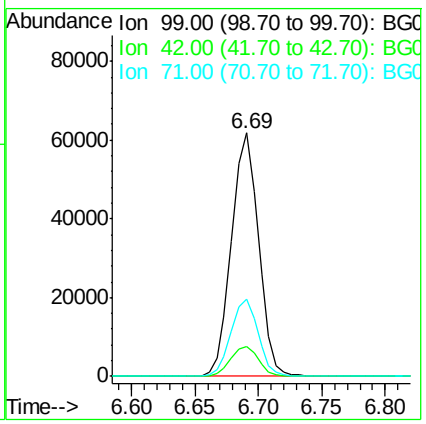


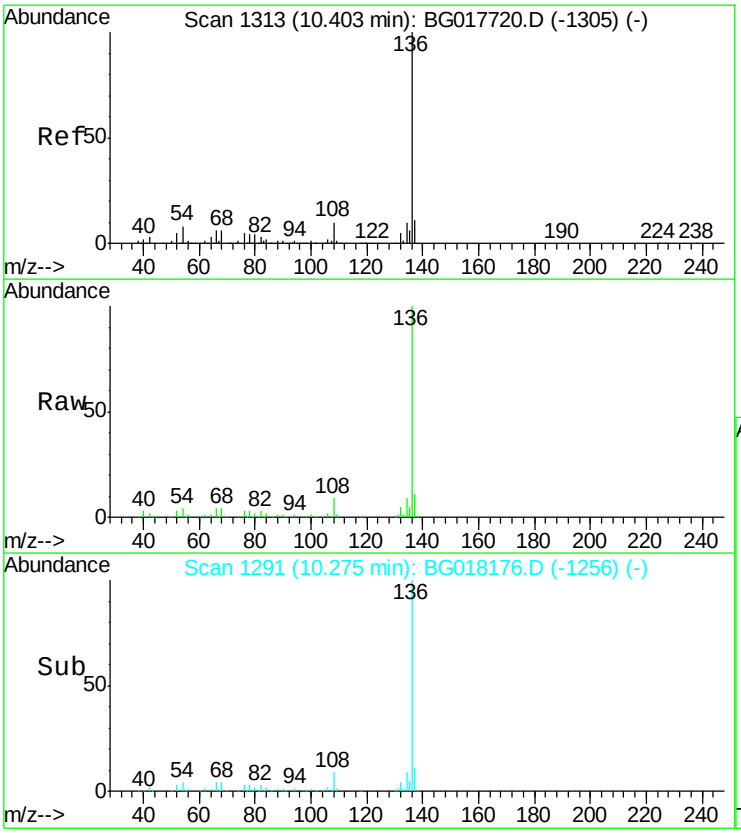
#7
Phenol-d6
Concen: 35.04 ng
RT: 6.69 min Scan# 681
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion: 99 Resp: 91478

Ion	Ratio	Lower	Upper
99	100		
42	12.3	16.2	24.4#
71	31.7	29.5	44.3

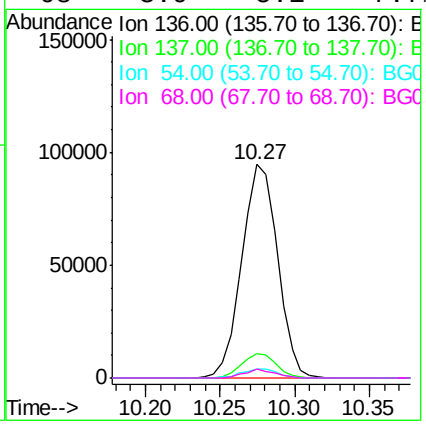


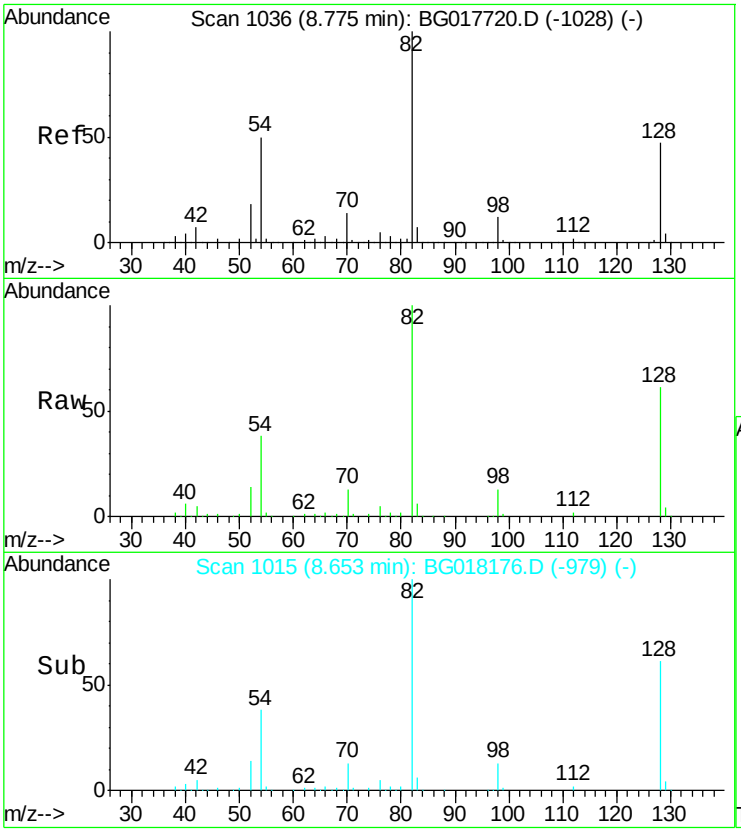


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.27 min Scan# 1291
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:136 Resp: 156315

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	4.2	6.6	9.8#
68	3.9	5.1	7.7#



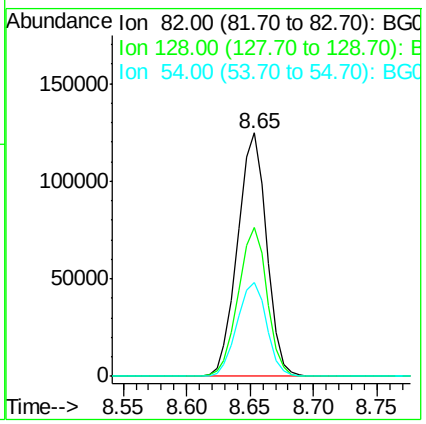


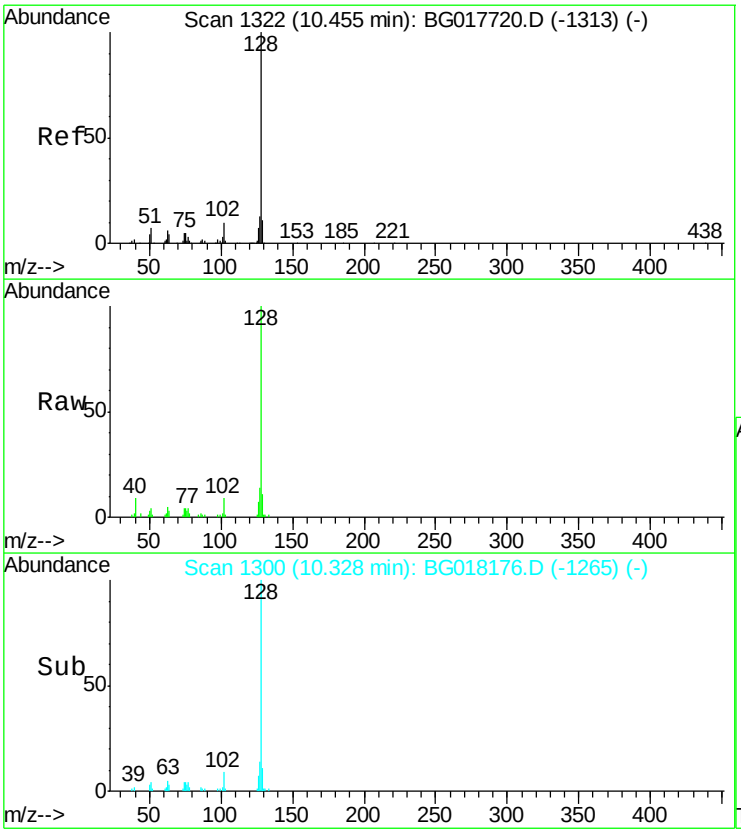
#23
Nitrobenzene-d5
Concen: 82.43 ng
RT: 8.65 min Scan# 1015
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion: 82 Resp: 198950

Ion	Ratio	Lower	Upper
82	100		
128	61.3	37.8	56.6#
54	38.3	39.9	59.9#

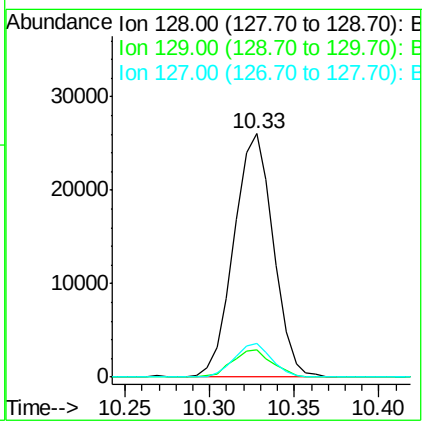


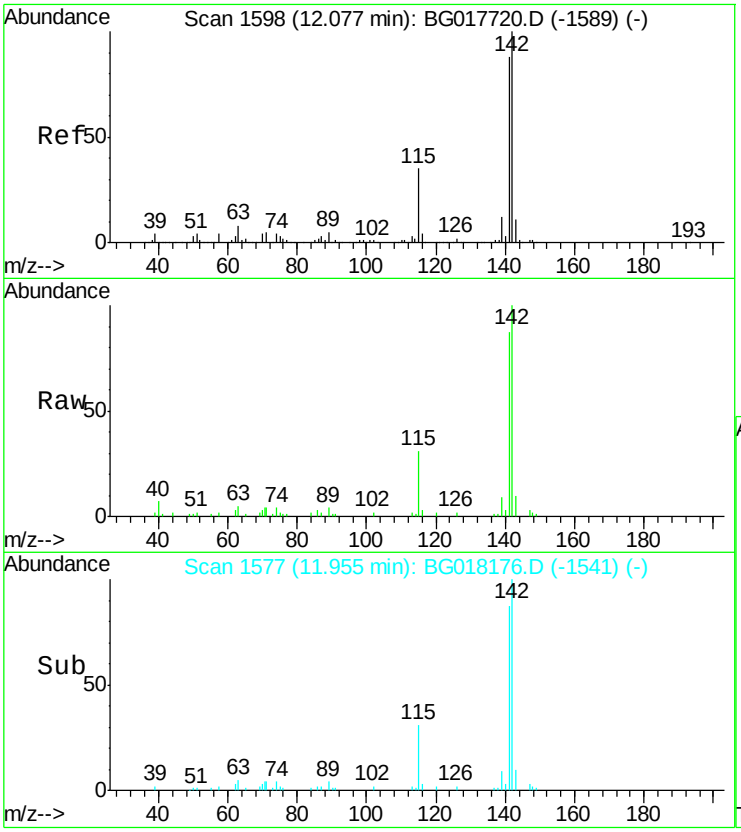


#31
Naphthalene
Concen: 5.52 ng
RT: 10.33 min Scan# 1300
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:128 Resp: 42249

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.9	10.7	16.1



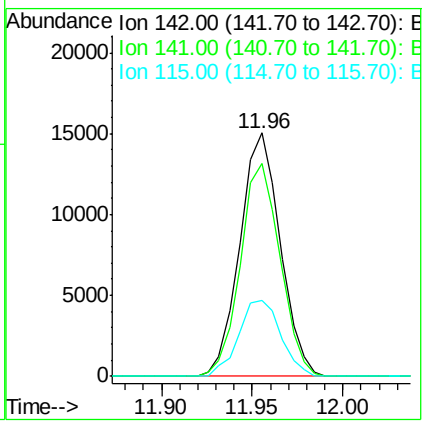


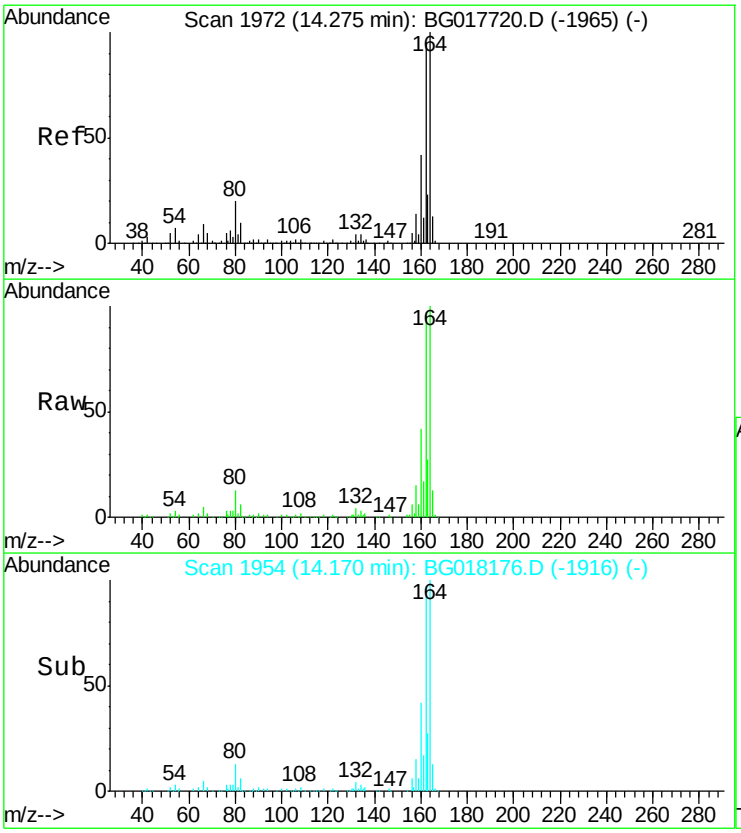
#37
2-Methylnaphthalene
Concen: 4.24 ng
RT: 11.96 min Scan# 1577
Delta R.T. -0.09 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:142 Resp: 23287

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.7	106.1
115	31.3	27.8	41.8

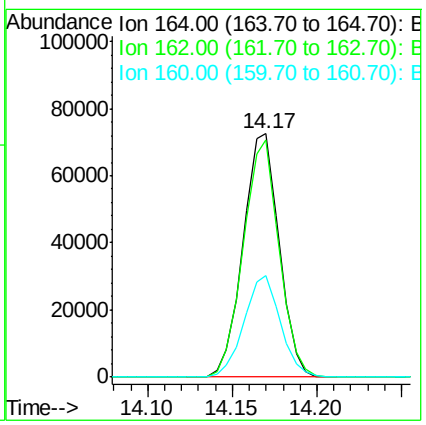


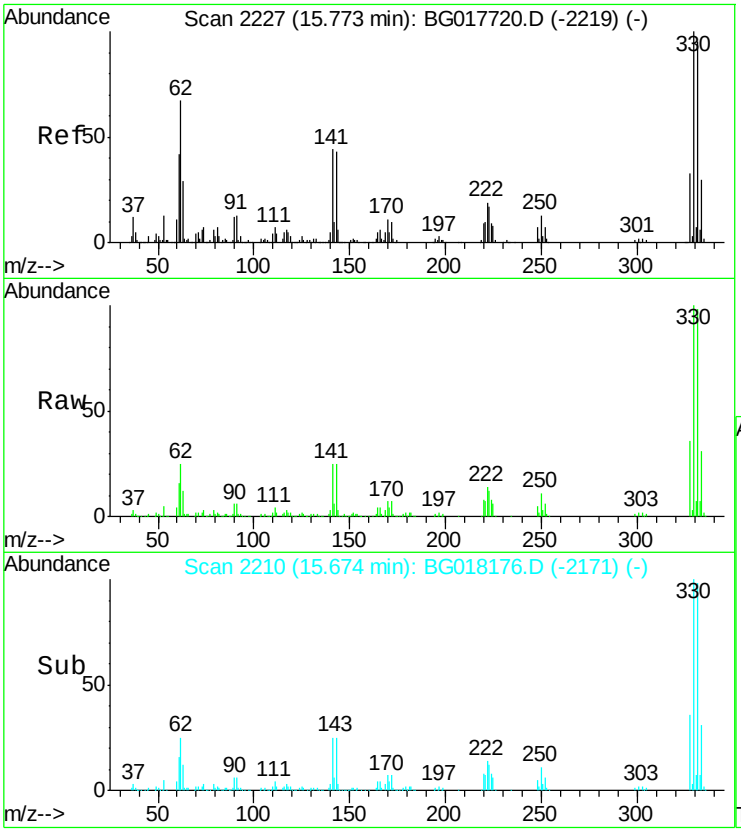


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.17 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:164 Resp: 107818

Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.3	114.5
160	41.7	33.7	50.5



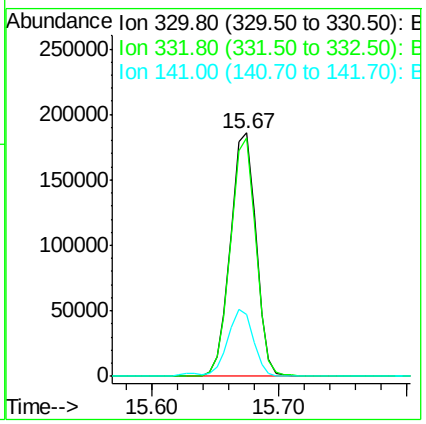


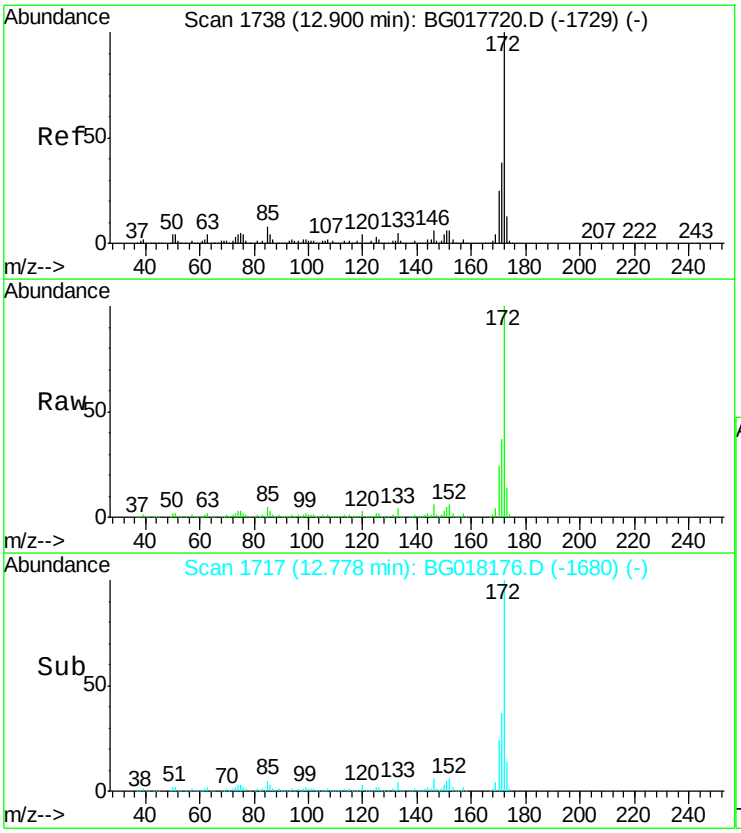
#41
2,4,6-Tribromophenol
Concen: 236.91 ng
RT: 15.67 min Scan# 2210
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:330 Resp: 258791

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	28.7	38.0	57.0#

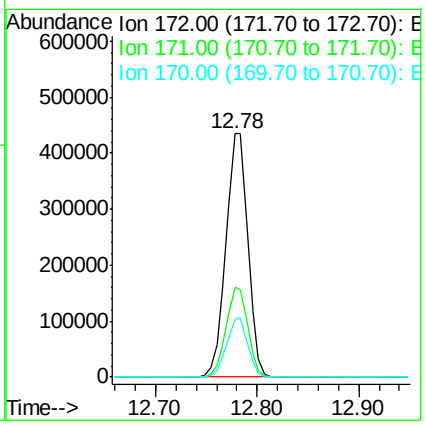


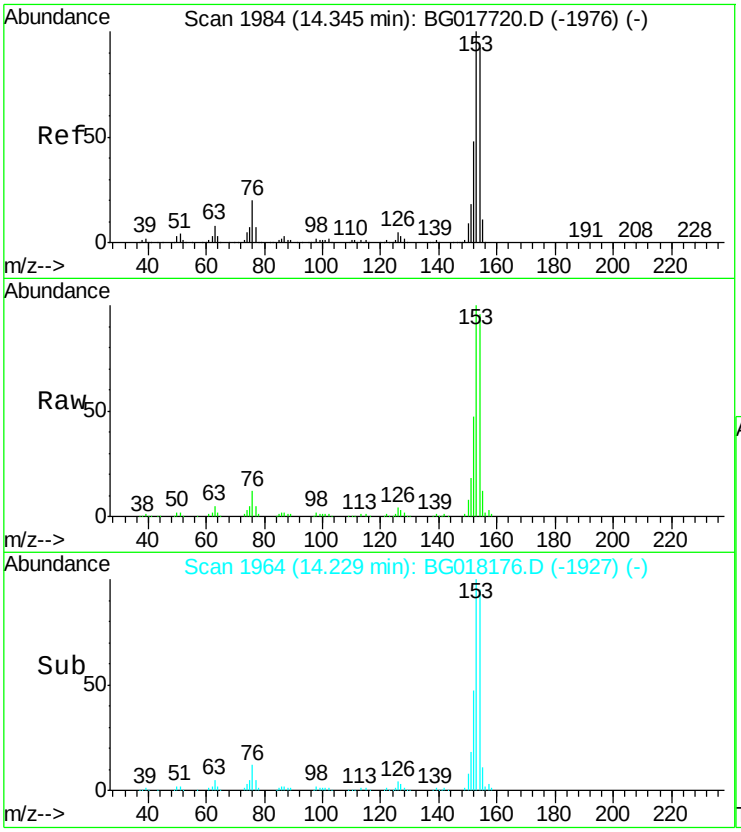


#44
2-Fluorobiphenyl
Concen: 104.68 ng
RT: 12.78 min Scan# 1717
Delta R.T. -0.08 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:172 Resp: 651296

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	23.7	19.7	29.5



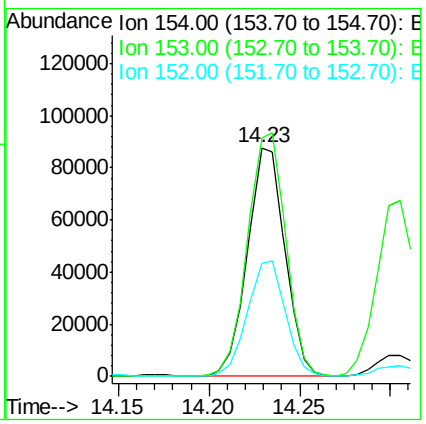


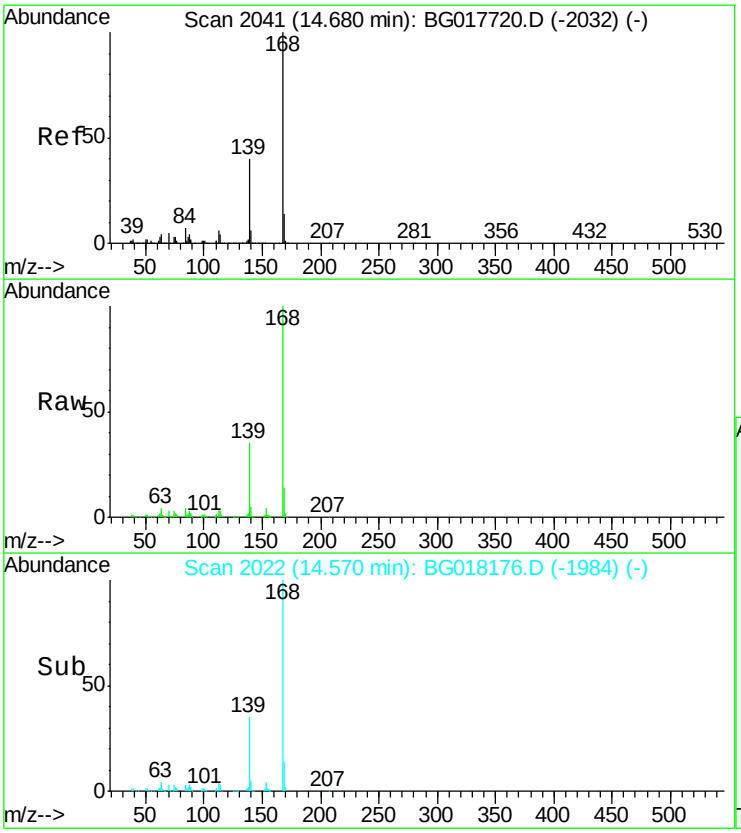
#51
Acenaphthene
Concen: 20.40 ng
RT: 14.23 min Scan# 1964
Delta R.T. -0.08 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:154 Resp: 126016

Ion	Ratio	Lower	Upper
154	100		
153	104.4	87.0	130.4
152	49.4	41.4	62.0

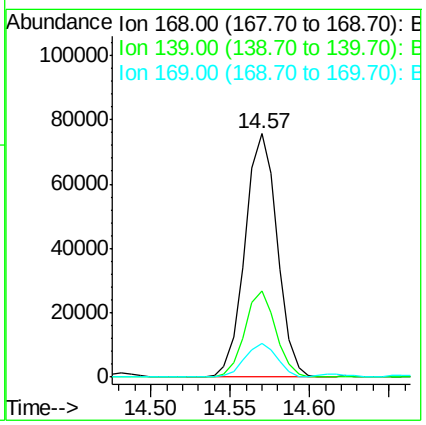


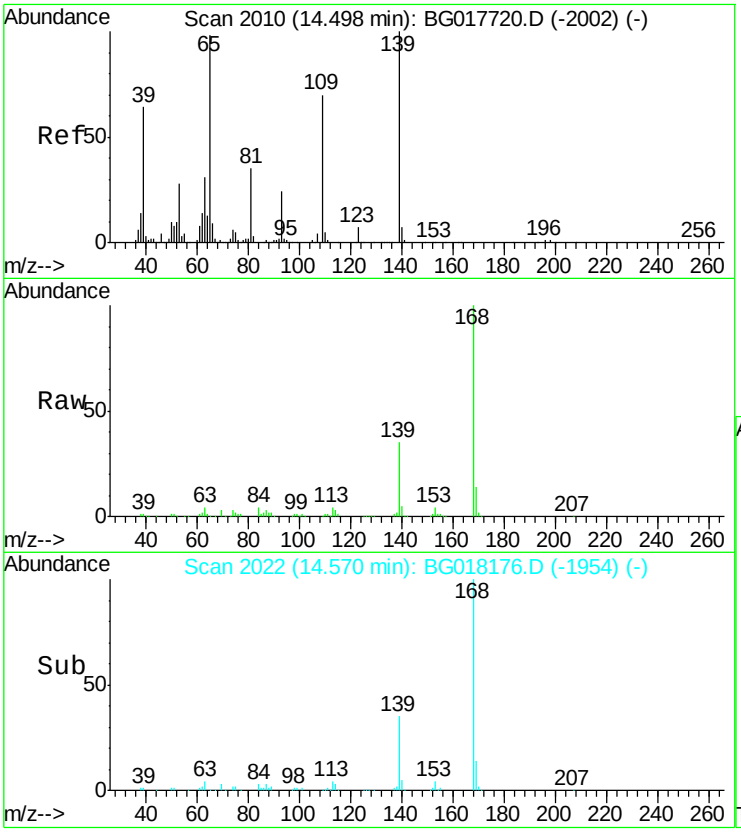


#54
Dibenzofuran
Concen: 12.01 ng
RT: 14.57 min Scan# 2022
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:168 Resp: 107078

Ion	Ratio	Lower	Upper
168	100		
139	35.5	32.2	48.2
169	13.8	11.3	16.9



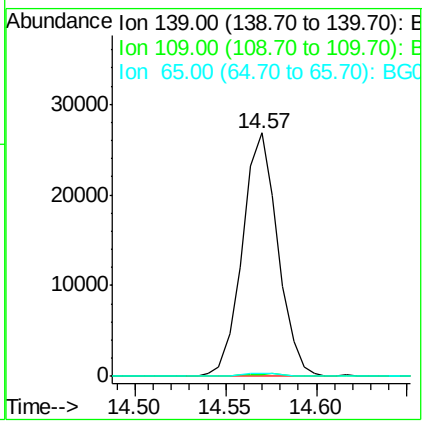


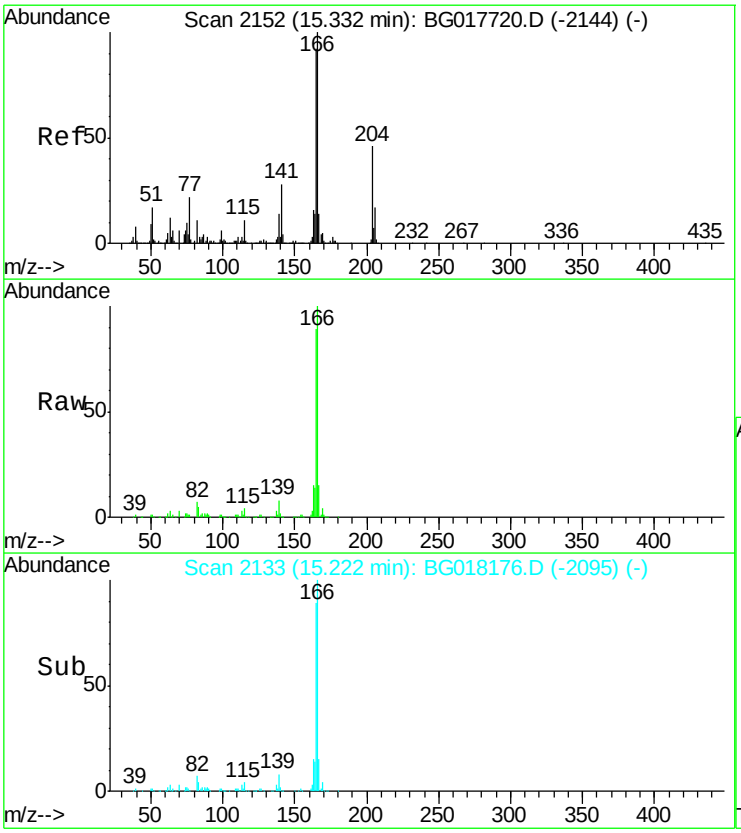
#55
4-Nitrophenol
Concen: 24.11 ng
RT: 14.57 min Scan# 2022
Delta R.T. 0.10 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:139 Resp: 36395

Ion	Ratio	Lower	Upper
139	100		
109	0.9	50.3	90.3#
65	1.1	78.8	118.8#

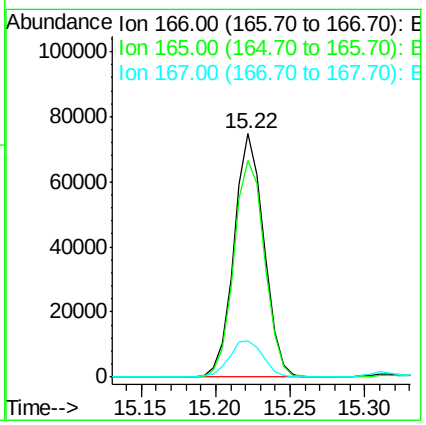


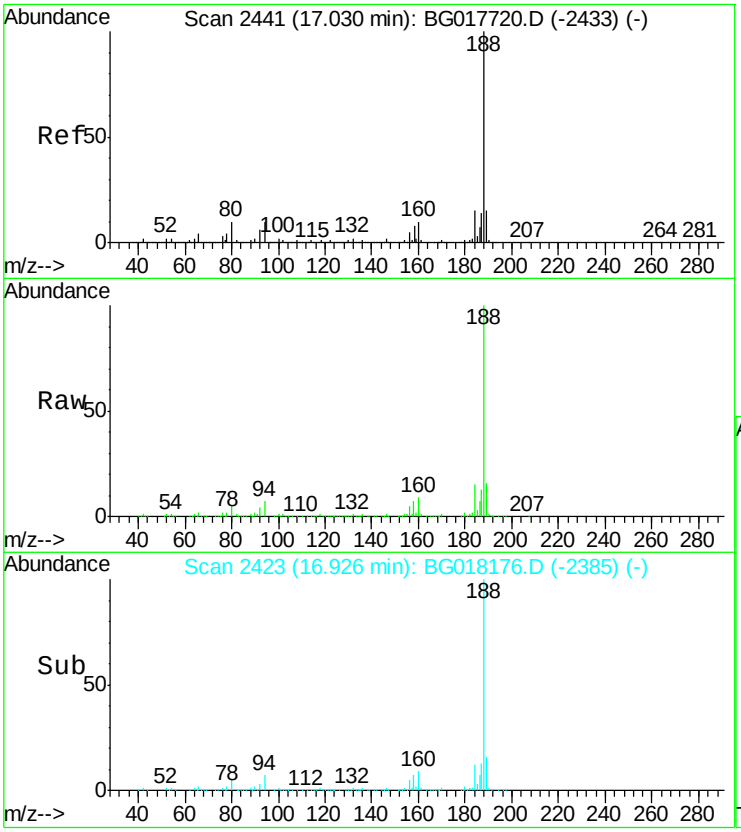


#57
Fluorene
Concen: 13.62 ng
RT: 15.22 min Scan# 2133
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:166 Resp: 104324

Ion	Ratio	Lower	Upper
166	100		
165	88.9	73.4	110.0
167	14.9	11.0	16.6



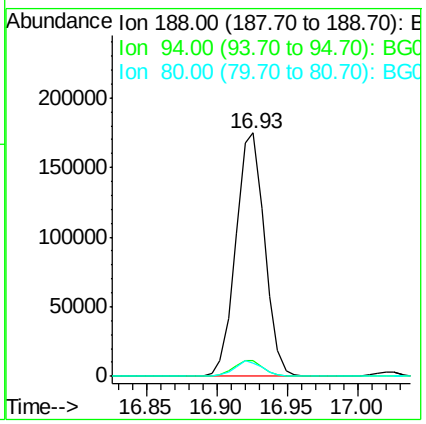


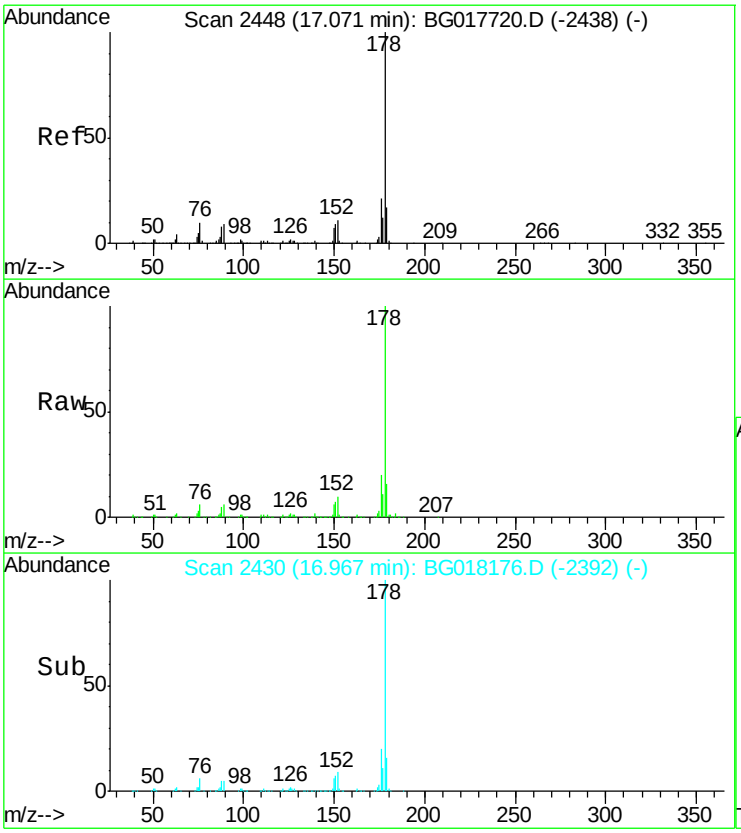
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.93 min Scan# 2423
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:188 Resp: 248467

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.2	12.2#
80	5.5	8.2	12.4#

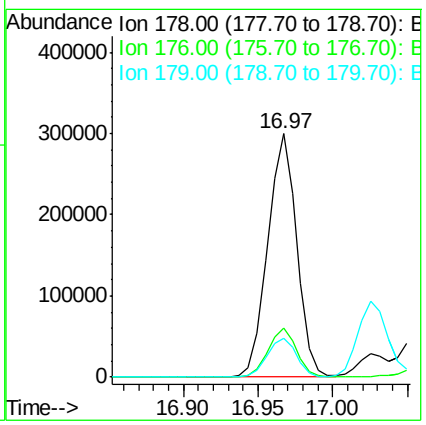


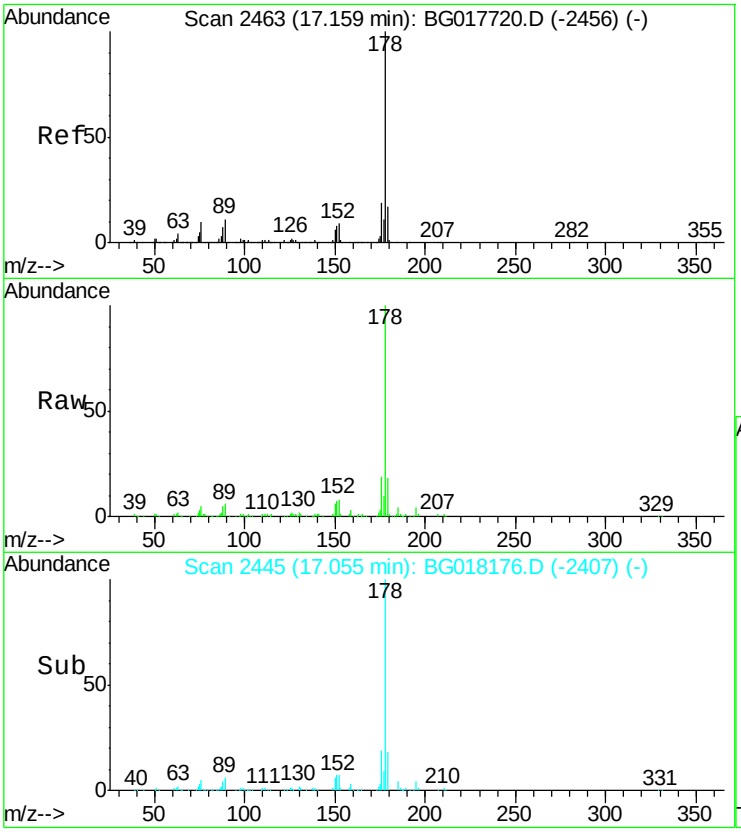


#70
Phenanthrene
Concen: 31.57 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:178 Resp: 404598

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.5	24.7
179	15.8	13.5	20.3



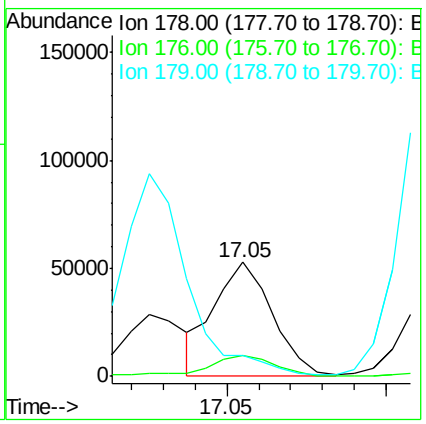


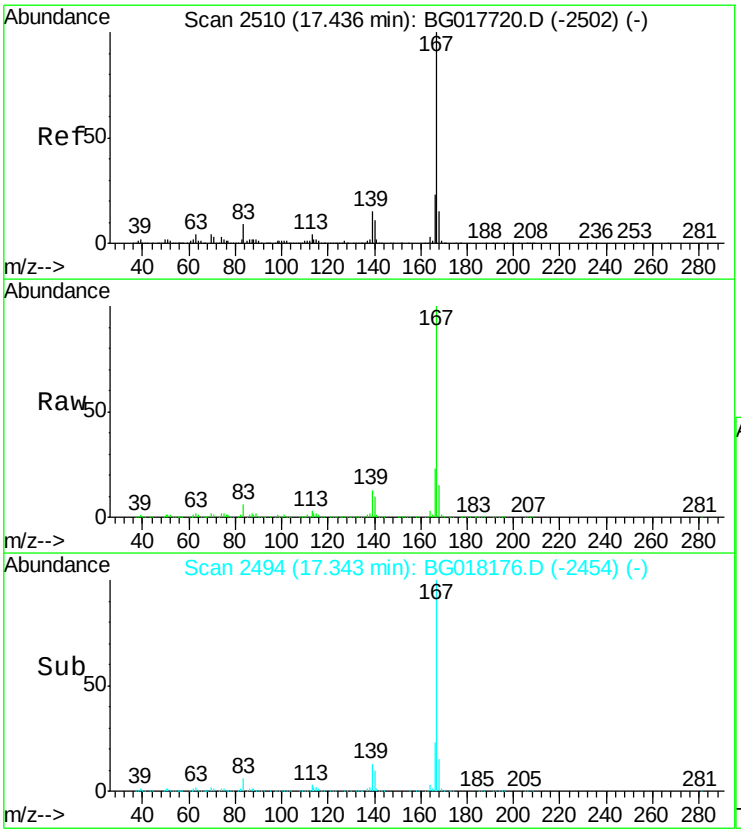
#71
Anthracene
Concen: 5.37 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:178 Resp: 66993

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	18.0	13.6	20.4

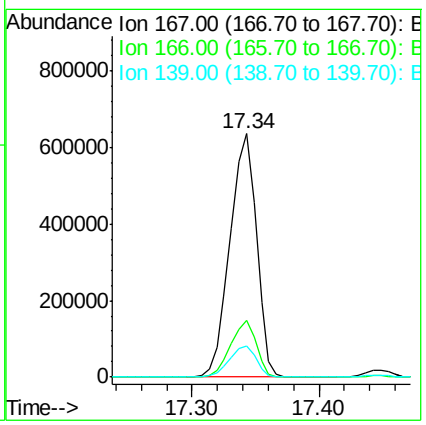


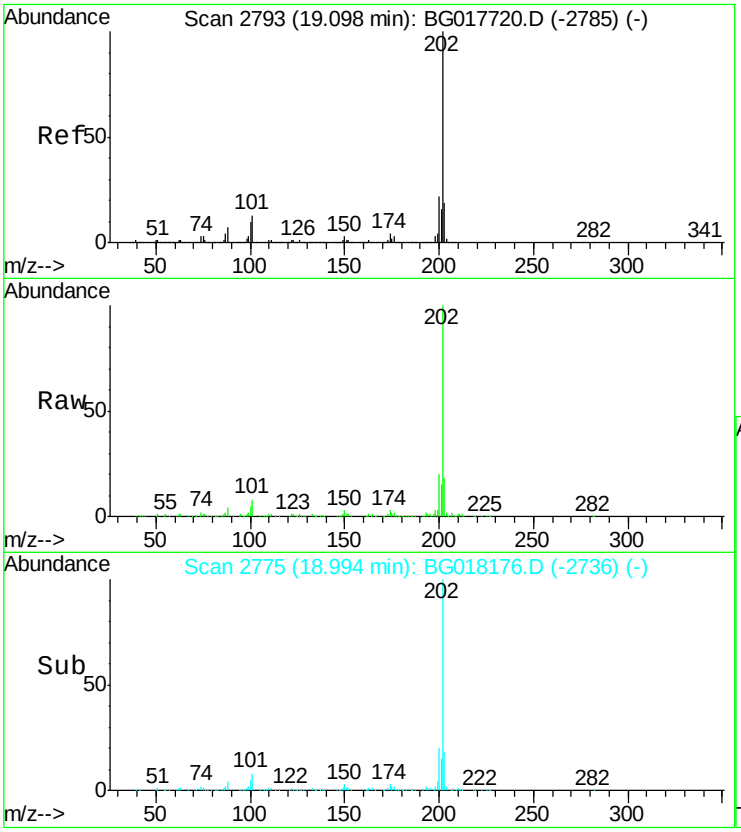


#72
Carbazole
Concen: 78.25 ng
RT: 17.34 min Scan# 2494
Delta R.T. -0.06 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:167 Resp: 921921

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	13.0	11.9	17.9



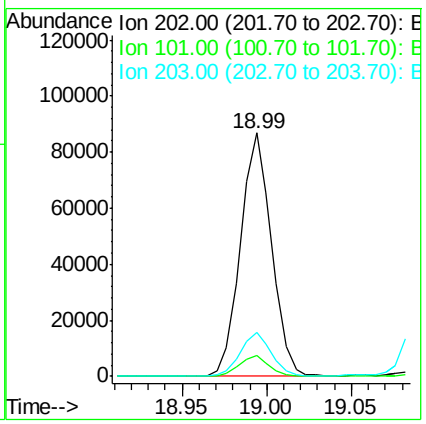


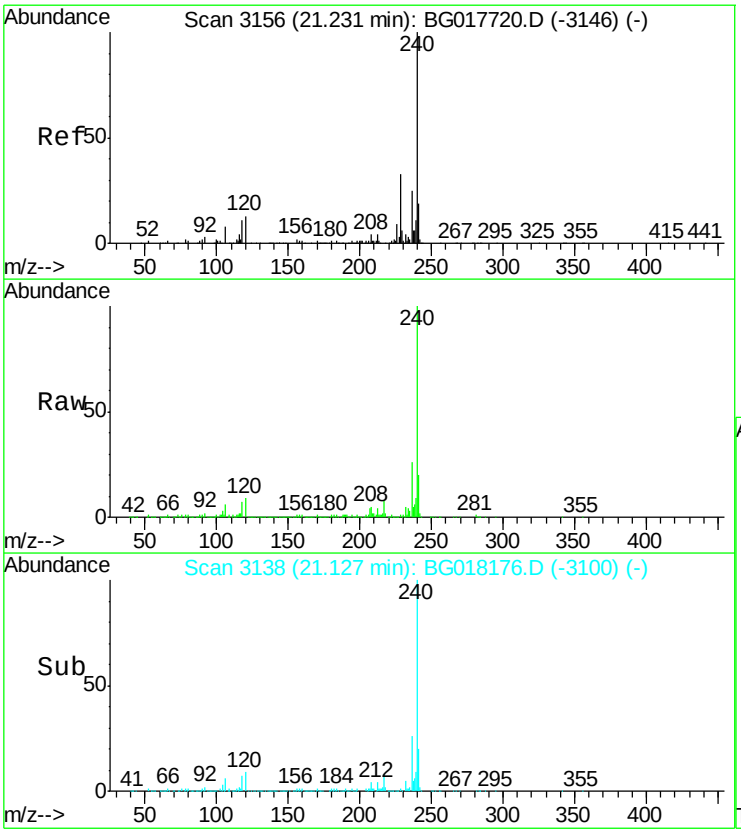
#74
Fluoranthene
Concen: 7.94 ng
RT: 18.99 min Scan# 2775
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:202 Resp: 111352

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	33.3
203	17.8	0.0	39.5

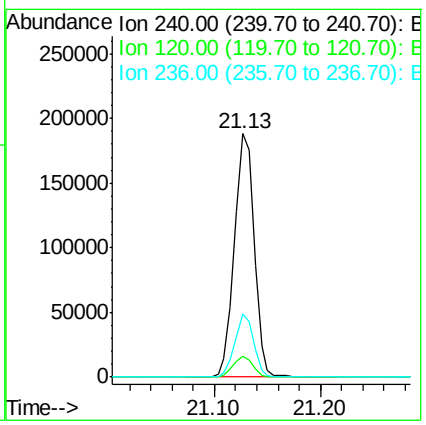


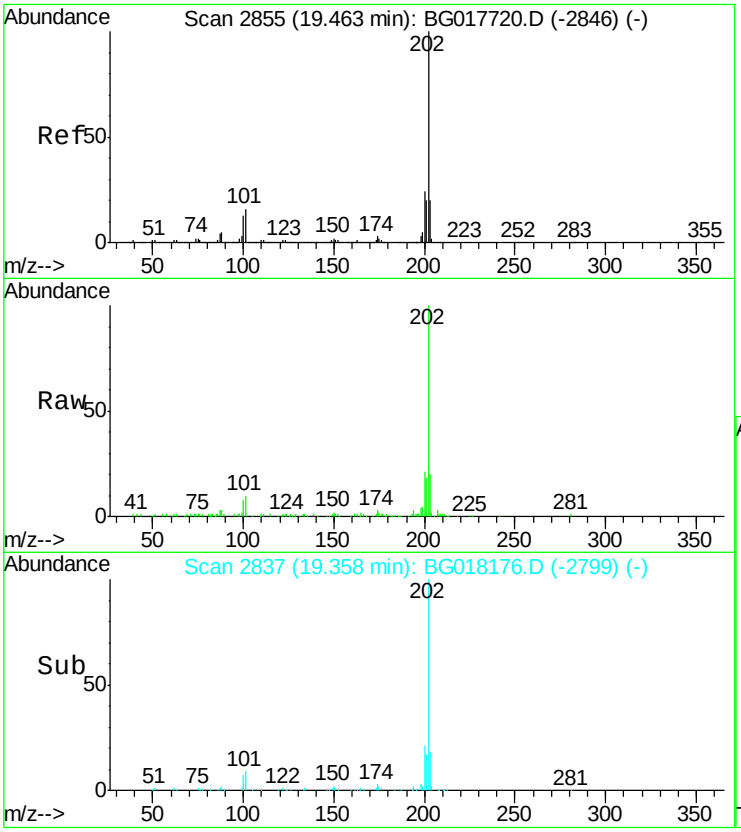


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 3138
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:240 Resp: 240199

Ion	Ratio	Lower	Upper
240	100		
120	8.8	10.8	16.2#
236	26.2	20.0	30.0



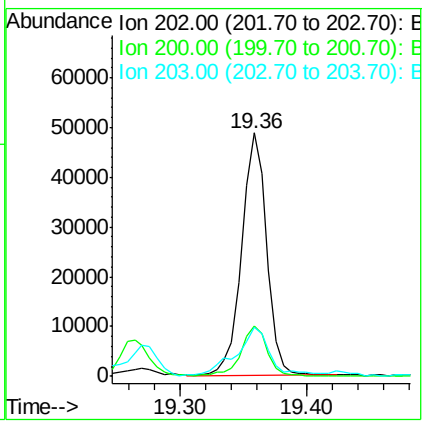


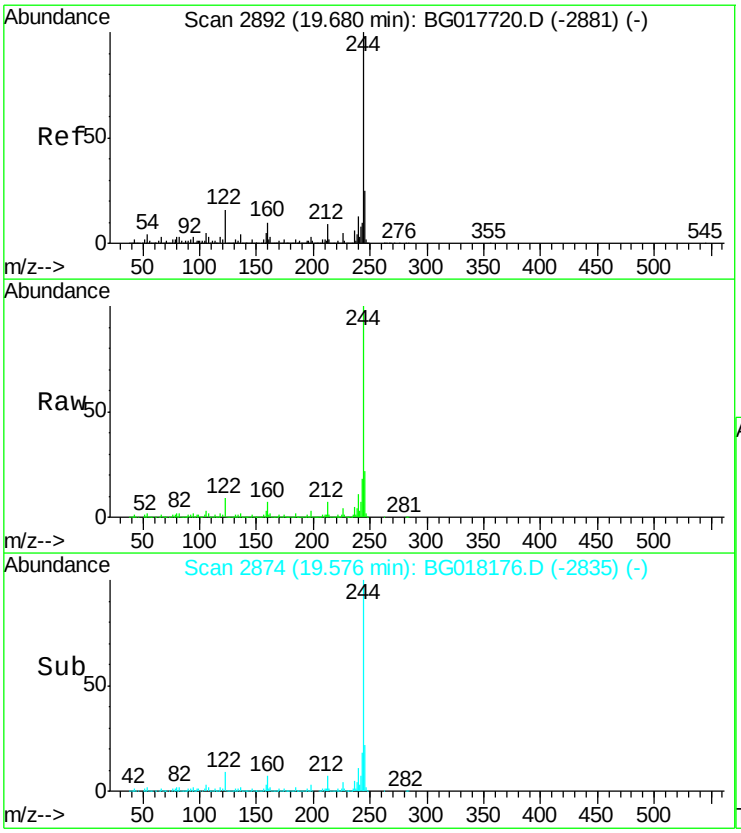
#77
Pyrene
Concen: 4.98 ng
RT: 19.36 min Scan# 2837
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:202 Resp: 66693

Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.8	28.2
203	19.9	15.9	23.9

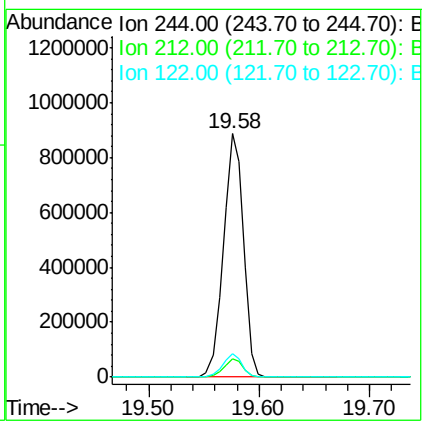


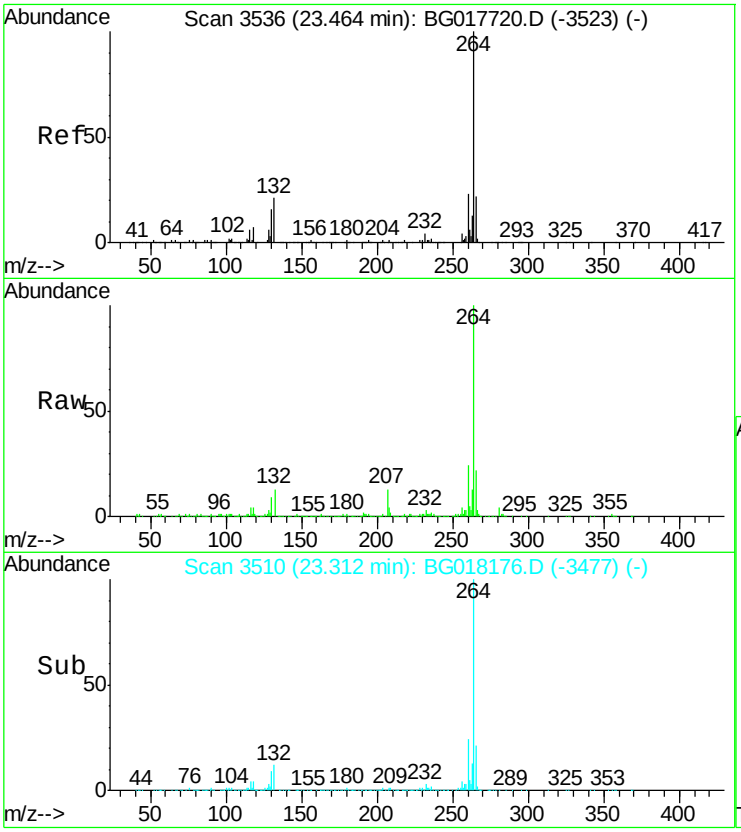


#78
Terphenyl-d14
Concen: 118.00 ng
RT: 19.58 min Scan# 2874
Delta R.T. -0.07 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Tgt Ion:244 Resp: 1125219

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.2	10.8
122	9.4	12.8	19.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.31 min Scan# 3510
Delta R.T. -0.10 min
Lab File: BG018176.D
Acq: 30 Jul 2015 15:23

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:264 Resp: 227560

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.6	18.2	27.2